



Ref: GTU/DIC/Workshop/2021/ 3533

Date: 5/7 / 2021

Circular

Workshop on Autodesk Fusion 360

To,

Students/Innovators/Principals/Directors and HODs of Engineering Colleges/Institutes

About GTU

Gujarat Technological University is a premier academic and research institution which has driven new ways of thinking since its 2007 founding, established by the Government of Gujarat vide Gujarat Act No. 20 of 2007. Today, GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that challenge and change the world. GTU is a State University with 486 affiliated colleges in its fold operating across the state of Gujarat through its FIVE zones at Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot and Surat. The University caters to the fields of Engineering, Architecture, Management, Pharmacy and Computer Science. The University has about 4, 00,000 students enrolled in a large number of Diploma, Under Graduate, Post Graduate programs along with the robust Doctoral program. Our education empowers individuals to challenge conventional thinking in pursuit of original ideas.

About DIC

GTU since its foundation in 2007, is striving to create, achieve and support the unique initiatives in design, innovation and entrepreneurship to build a holistic ecosystem by intervention of latest technologies. Considering its efforts in developing such ecosystem, MHRD has awarded the grant to GTU for establishment of a full-fledged Design Innovation Centre (DIC) to promote, nurture and advance the culture of design, innovation, creative problem solving and entrepreneurship among young minds at GTU premise as Hub and other three institutes in Rajkot, Surat and Modasa as spokes to cover entire state. DIC would support Innovators in product design and development, prototype building through full-fledged FabLab, mentorship and networking, IPR support, training and workshop, skill developments, fellowship and awards to best projects/solutions and co-working space.

About Auto Desk

Fusion 360™ is the first 3D CAD, CAM, and CAE tool of its kind. It connects your entire product development process in a single cloud-based platform that works on both Mac and PC. It can quickly iterate on design ideas with sculpting tools to explore form and modeling tools to create finishing features. Then perform simulations, create assemblies, make photorealistic renderings and animations. Finally, create toolpaths to machine your components or use the 3D printing

❖ Gujarat Technological University, Ahmedabad, India - 380 015 ❖ Quality Award - 2019 ❖ ISO 9001:2015
❖ Learning Hub - 2019 Award ❖ IEMS International Innovation Awards (2019 - 2021)

Chandkheda : Nr. Campus of Vishwakarma Government Engineering College, Sabarnati - Koba Highway, Nr. West Three Road, Chandkheda, Ahmedabad - 382 424, Gujarat, India Ph. : 079 - 232 67 500
Ahmedabad : 2nd Floor, ACPC Building, L. D. College of Engineering Campus, Navrangpura, Ahmedabad, (Gujarat) India - 380 015, Phone : + 91 - 79 - 26 300 499 / 599 Fax : + 91 - 79 - 26 30 1500
Gandhinagar : K-6 Circle, E-4 Electronic Estate G.I.D.C., Nr. Government Polytechnic, Sector-26, Gandhinagar - 382 028 Gujarat, e-mail : info@gtu.ac.in URL : www.gtu.ac.in



GUJARAT TECHNOLOGICAL UNIVERSITY

(Established Under Gujarat Act No.: 28 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત અધિનિયમ ક્રમાંક : ૨૦, ૨૦૦૭ દ્વારા સ્થાપિત)

workflow to create a prototype. Most importantly, Fusion 360 helps bring design teams together for collaborative product development.

About Workshop

A Workshop is designed to train and develop professionals in product engineering design so that they can act as resource persons in guiding and motivating students, professionals to take up product engineering design as a career. With an evolving global manufacturing space, organizations now need to demonstrate increasing adaptability to stay ahead of global competition. Product development processes now exhibit increased agility, allowing for personalization and collaboration.

Learning Objectives

By the end of this Workshop, successful participants will be able:

- Understand design process in Autodesk Fusion 360
- Create conceptual design and organic forms using T-Splines
- Design mechanical parts using solid modeling tools
- Create mechanical assemblies and motion studies
- Create drawings and renderings

Who Should Attend?

Faculty members/Students/Innovators in the field of Engineering (Mechanical or Related disciplines) who teach CAD, CAM & CAE subjects like Machine Design & Industrial Drafting, Computer Aided Manufacturing and Machine Design

Project Registration form: <https://forms.gle/fmJU6uBYfMdmTtCH9>

Registration Fees: 100/- Rs

Note: Workshop certificate will be consider under 100 Point activity under technical events

EVENT CALENDAR

Date: 12th – 14th July 2021

Time: 4:00 PM to 6:00 PM

Venue: Online Mode

Gujarat Technological University, Chandkheda, Ahmedabad 382424

If any Query feel free to contact us:

Event Coordinator: Prof. Raj Hakani,

Email: dic@gtu.edu.in Phone: 079-23267531/593


4/7/21
Registrar

Awards of : ICT Enabled University Award E-India - 2009 * Mahatma Award - 2009 * GENA Awards 2011
* Doctor Counseling Award - 2011 Award * AQS International Innovative Universities Award - 2012

Chandkheda : Nr. Campus of Vishwakarma Government Engineering College, Sabarmati - Koba Highway, Nr. Visal Three Roads,
Chandkheda, Ahmedabad - 382 424, Gujarat, India Ph. : 079 - 232 67 500
Ahmedabad : 2nd Floor, ACPC Building, L.D. College of Engineering Campus, Navrangpura, Ahmedabad, (Gujarat) India - 380 015
Phone : + 91 - 79 - 26 300 499 / 599 Fax : + 91 - 79 - 26 30 1500
Gandhinagar : K-6 Circle, E-4 Electronic Estate G.I.D.C., Nr. Government Polytechnic, Sector-26, Gandhinagar - 382 029 Gujarat,
e-mail : info@gtu.ac.in / reg@gtu.ac.in / www.gtu.ac.in